IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Clear Water Pond
	CERTIFIED REPORT	Clear water Fond
Permit Number	ACT/007/035	Report Date 12/28/01
Mine Name	SUNNYSIDE REFUSE AND SL	JURRY
Company Name	SUNNYSIDE COGENERATION	ASSOCIATES
Impoundment Identification	Impoundment Name	Clear Water Pond
	Impoundment Number	004
	UPDES Permit Number	UT 024759
	MSHA ID Number	N/A
IMPOUNDMENT IN	SPECTION	
Inspection Date	12/13/01	

Inspection Date	12/13/01
Inspected By	Scott Carlson

### Reason for Inspection

(Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)

Annual Inspection 2001

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

NONE

Required for an impoundment which functions as a SEDIMENTATION POND.

 Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.

Storage Capacity = 4.9 acre-feet
Maximum Sediment Depth Elevation = 6527
Existing Sediment Elevation = 6523+-

3. Principle and emergency spillway elevations.

Spillway Elevation = 6530.1

File in:

Confidential
Shelf
Expandable
Refer to Record No OCO 3 Date 110 400
In Cloode 35, 2002, Jaconing G
For additional information



C/007/035

# **Sunnyside Cogeneration Associates**

P.O. Box 10, East Carbon, Utah 84520 • (435) 888-4476 • Fax (435) 888-2538

January 10, 2002

Daron Haddock STATE OF UTAH Division of Oil, Gas & Mining 1594 W. North Temple, Suite 1210 P. O. Box 145801 Salt Lake City, Utah 84114-5801

Annual 2001 Inspection Report

Dear Mr. Haddock:

Please find enclosed a copy of the Annual 2001 Inspection Report for Sunnyside Cogeneration Associates' impoundments, refuse pile and excess spoil area. The inspection was performed by a professional engineer from Psomas and Associates Engineering.

Should you have any questions, please contact me at (435)888-4476.

Sincerely,

Agent For

Sunnyside Cogeneration Associates

Randy J. Scott

Plant Manager

Enclosure

c.c. Karl Houskeeper/Division of Oil, Gas & Mining Rusty Netz, COSI Plant File

HECEIVED

JAN 15 2002

DIVISION OF OIL, GAS AND MINING

Confidential Shelf Expandable

Dat 01/00 For additional information

Clear Water Pond

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

No discharge, inlet/outlet conditions are good

No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

Pond was essentially dry with some snow cover.

No structure or stability problems observed.

Reclamation of Sunnyside Coal Property near this area is completed. Among the facilities reclaimed is the Slurry Ditch, which connected to the SCA Properties. This ditch has been filled in near the SCA Property and is no longer a major storm water conveyance facility to the Slurry Ponds #1 and #2 or to the Clearwater Pond or to the East Slurry Cell. Watersheds, which previously contributed to these ponds, are no longer doing so.

In accordance with the approved plan to construct the Excess Spoil Disposal area #2, the Slurry Ponds #1 and #2 no longer receive storm runoff. These storm flows are now routed either directly to the East Slurry Cell or to the Clear Water Pond. With the reclamation activities at Sunnyside Coal, both of these ponds have ample capacity to handle the storm flows without the Slurry Ponds in series.

### Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

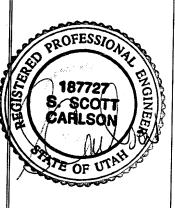
Signature:

**Date:** 12/28/01

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT Clear Water Pond	1 1 46	
CERTIFIED REPORT		
IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	
COMMENTS AND OTHER INFORMATION		

None

# Certification Statement:



I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson Project Director

(Full Name and Title)

Signature:

**Date:** 12/28/01

P.E. Number & State:

187727 UT

IMPOUNDMENT INSPE	SCIION AND CERTIFIED REPORT	Railcut Pond
Permit Number	ACT/007/035	Report Date 12/28/01
Mine Name	SUNNYSIDE REFUSE AND SLURRY	
Company Name	SUNNYSIDE COGENERATION ASSOCIATES	
Impoundment Identification	Impoundment Name	Railcut Sediment Pond
	Impoundment Number	007
	UPDES Permit Number	UT 024759
	MSHA ID Number	N/A
IMPOUNDMENT IN	SPECTION	
Inspection Date	12/13/01	
Inspected By	Scott Carlson	
Reason for Inspect Annual, Quarterly or ritical Installation	Other Periodic Inspection	Annual Inspection 2001
	earance of any instability, structu	aral weakness, or any other hazardous condition.
L. Describe any appe	earance of any instability, structu	
NONE  required for an appoundment which	earance of any instability, structu	including elevation of 60% and 100% sediment storage
NONE  equired for an appoundment which unctions as a	2. Sediment storage capacity, volumes, and, estimated av  Storage Capacity = 4.8 Maximum Sediment Depth	including elevation of 60% and 100% sediment storage erage elevation of existing sediment.
. Describe any appe NONE  equired for an  poundment which  notions as a	2. Sediment storage capacity, volumes, and, estimated av  Storage Capacity = 4.8 Maximum Sediment Depth	including elevation of 60% and 100% sediment storage erage elevation of existing sediment.  B acre-feet a Elevation = 6207.7 diment Elevation = 6207+-
. Describe any appe NONE  equired for an  poundment which  notions as a	2. Sediment storage capacity, volumes, and, estimated av  Storage Capacity = 4.8 Maximum Sediment Depth Estimated Existing Sed	including elevation of 60% and 100% sediment storage erage elevation of existing sediment.  3 acre-feet a Elevation = 6207.7 aiment Elevation = 6207+-
. Describe any appe NONE  equired for an apoundment which anctions as a	2. Sediment storage capacity, volumes, and, estimated av  Storage Capacity = 4.8 Maximum Sediment Depth Estimated Existing Sed  3. Principle and emergency spin Spillway Elevation = 6	including elevation of 60% and 100% sediment storage erage elevation of existing sediment.  3 acre-feet a Elevation = 6207.7 aiment Elevation = 6207+-

Railcut Pond

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

No discharge, inlet/outlet conditions are good, no structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes. Pond was essentially dry with some snow cover. No structure or stability problems observed.

### Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature:

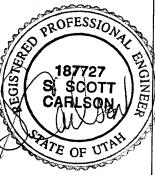
Date:

12/28/01

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT Railcut Pond		
CERTIFIED REPORT		
IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	
COMMENTS AND OTHER INFORMATION		:

None

# Certification Statement:



I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott carlson, P.E. Project Director

Signature: \_\_\_\_\_\_\_\_ Date: 12/28/01

P.E. Number & State: 187727 - UT

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		OCRR Pond
Permit Number	ACT/007/035	Report Date 12/28/01
Mine Name	SUNNYSIDE REFUSE AND SLUR	RY
Company Name	SUNNYSIDE COGENERATION ASSOCIATES	
Impoundment Identification	Impoundment Name	Old Coarse Refuse Road Sediment Pond
	Impoundment Number	008
	UPDES Permit Number	UT 024759
	MSHA ID Number	N/A
IMPOUNDMENT IN	SPECTION	

Inspection Date	12/13/01	
Inspected By	Scott Carlson	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

#### Reason for Inspection

(Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)

Annual Inspection 2001

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

NONE

Required for an
impoundment which
functions as a
SEDIMENTATION POND

 Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.

Storage Capacity = 0.9 acre-feet
Maximum Sediment Depth Elevation = 6394.75
Estimated Existing Sediment Elevation = 6394+-

3. Principle and emergency spillway elevations.

Spillway Elevation = 6399.4 Primary Drain Elevation = 6395.75

OCRR Pond

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

No discharge, Pond was essentially dry with some snow cover. inlet/outlet conditions are good,

No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes, no structure or stability problems observed.

#### Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature:

Date:

12/28/01

IMPOUNDMENT INSPECTION	AND CERTIFIED REPORT	OCRR Pond		Bud -
CERTIFIED REPORT				
IMPOUNDMENT EVALUATION	(If NO, explain under Comme	nts)	YES	NO
1. Is impoundment designed	and constructed in accordance	ce with the approved plan?	yes	
2. Is impoundment free of condition?	instability, structural weak	ness, or any other hazardous	yes	
3. Has the impoundment met limitations from the pre	all applicable performance savious date of inspection?	standards and effluent	yes	
COMMENTS AND OTHER INFO	ORMATION			

# Certification Statement:

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.



By: S. Scott Carlson, P.E. Project Director

Signature:

Date: 12/28/01

P.E. Number & State:

187727 - UT

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT		Pasture Pond
Permit Number	ACT/007/035	Report Date 12/28/01
Mine Name	SUNNYSIDE REFUSE AND SLUP	RRY
Company Name	SUNNYSIDE COGENERATION AS	SSOCIATES
Impoundment Identification	Impoundment Name	Pasture Sediment Pond
	Impoundment Number	009
	UPDES Permit Number	UT 024759
	MSHA ID Number	N/A
IMPOUNDMENT IN	SPECTION	
Inspection Date	12/13/01	

Inspection Date	12/13/01
Inspected By	Scott Carlson

## Reason for Inspection

(Annual, Quarterly or Other Periodic Inspection, Critical Installation, or Completion of Construction)

Annual Inspection 2001

1. Describe any appearance of any instability, structural weakness, or any other hazardous condition.

NONE

Required for an
impoundment which
functions as a
SEDIMENTATION POND

 Sediment storage capacity, including elevation of 60% and 100% sediment storage volumes, and, estimated average elevation of existing sediment.

Storage Capacity = 1.0 acre-feet
Maximum Sediment Depth Elevation = 6485.5
Estimated Existing Sediment Elevation = 6484+-

3. Principle and emergency spillway elevations.

Spillway Elevation = 6490.6 Primary Drain Elevation = 6486.6

Pasture Pond

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond was essentially dry with some snow cover. No discharge, inlet/outlet conditions are good, No structural or hazardous conditions exist.

5. **Field Evaluation.** Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes. No structure or stability problems observed.

### Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature:

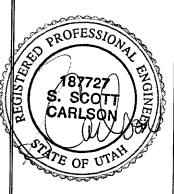
**Date:** 12/28/01

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT	Pasture Pond		
CERTIFIED REPORT		- 1 BS	
IMPOUNDMENT EVALUATION (If NO, explain under Commer	YES	NO	
1. Is impoundment designed and constructed in accordance	yes		
2. Is impoundment free of instability, structural weakn condition?	ess, or any other hazardous	yes	
3. Has the impoundment met all applicable performance s limitations from the previous date of inspection?	yes		
COMMENTS AND OTHER INFORMATION		-	

#### COMMENTS AND OTHER INFORMATION

None

# Certification Statement:



I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson - Project Director

Signature: Date: 12/28/01

**P.E.** Number & State: 187727 - UT

			1									
IMPOUNDMENT INSPEC	TION AND CERTIFIED REPORT	CRT Pond										
Permit Number	ACT/007/035	Report Date 12/28/01										
Mine Name	SUNNYSIDE REFUSE AND SLUP	RRY										
Company Name	SUNNYSIDE COGENERATION AS	SSOCIATES	÷									
Impoundment Identification	Impoundment Name	New Coarse Refuse Toe Sediment Pond										
	Impoundment Number	012										
	UPDES Permit Number	UT 024759	·#*;									
	MSHA ID Number	N/A	· · ·									
IMPOUNDMENT INS	PECTION											
Inspection Date	12/13/01											
Inspected By	Scott Carlson											
Reason for Inspect: (Annual, Quarterly or O Critical Installation,	ion ther Periodic Inspection, or Completion of Construction)	Annual Inspection 2001										
Required for an impoundment which functions as a SEDIMENTATION POND	volumes, and, estimated aver  Storage Capacity = 1.6 Maximum Sediment Depth	including elevation of 60% and 10 rage elevation of existing sedime acre-feet Elevation = 6177.0 ment Elevation = 6176+-	0% sediment storage									
	3. Principle and emergency spil  Spillway Elevation = 61  Primary Drain Elevation	83.63										

CRT Pond

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond was essentially dry with some snow cover. No discharge, inlet/outlet conditions are good, No structural or hazardous conditions exist.

5. **Field Evaluation.** Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes. No structure or stability problems observed.

#### Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature:

Date:

12/28/01

IM	POUNDMENT INSPECTION AND CERTIFIED REPORT	CRT Pond									
CE	RTIFIED REPORT										
IMI	POUNDMENT EVALUATION (If NO, explain under Commen	YES	NO								
1.	Is impoundment designed and constructed in accordance	e with the approved plan?	yes								
2.	Is impoundment free of instability, structural weakne condition?	ess, or any other hazardous	yes								
3.	Has the impoundment met all applicable performance st limitations from the previous date of inspection?	tandards and effluent	yes								
COM	COMMENTS AND OTHER INFORMATION										

None

# Certification Statement:



I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson - Project Director

P.E. Number & State: 187727 - UT

Date: 12/28/01

IMPOUNDMENT INSPEC	CTION AND CERTIFIED REPORT	COAL RUNOFF POND
Permit Number	ACT/007/035	Report Date 12/28/01
Mine Name	SUNNYSIDE REFUSE AND SLUR	RY
Company Name	SUNNYSIDE COGENERATION ASS	SOCIATES
Impoundment Identification	Impoundment Name	Coal Runoff Sediment Pond
	Impoundment Number	014
	UPDES Permit Number	UT 024759
	MSHA ID Number	N/A
IMPOUNDMENT INS	PECTION	
Inspection Date	12/13/01	
Inspected By	Scott Carlson	
Reason for Inspect: (Annual, Quarterly or O Critical Installation,	ion  ther Periodic Inspection, or Completion of Construction)	Annual Inspection 2001
Required for an impoundment which functions as a SEDIMENTATION POND	2. Sediment storage capacity, in volumes, and, estimated average Storage Capacity = 1.5 a Maximum Sediment Depth E Estimated Existing Sediment Sedi	llevation = 6476.0
	3. Principle and emergency spills Spillway Elevation = 647 Emergency Spillway Eleva	7.9

COAL RUNOFF POND

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond was essentially dry with some snow cover. No discharge, inlet and outlet conditions are good. No structural or hazardous conditions exist.

5. **Field Evaluation.** Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes.

No structure or stability problems observed.

### Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature:

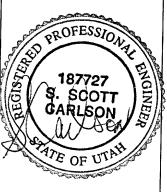
Date:

12/28/01

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT												
CERTIFIED REPORT												
IMPOUNDMENT EVALUATION (If NO, explain under Comments) YES												
1. Is impoundment designed and constructed in accordance	yes											
2. Is impoundment free of instability, structural weaknes condition?	s, or any other hazardous	yes										
3. Has the impoundment met all applicable performance sta limitations from the previous date of inspection?	yes											
COMMENTS AND OTHER INFORMATION	177	LL.										

None

### Certification Statement:



I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson ~Prøject Director (Full Name/and

Signature:

Date: 12/28/01

P.E. Number & State:

187727 - UT

IMPOUNDMENT INSPEC											
Downit Was	TION AND CERTIFIED REPORT	Borrow Area Pond									
reimit Number	ACT/007/035	Report Date 12/28/01									
Mine Name	SUNNYSIDE REFUSE AND SLUR	RY									
Company Name	SUNNYSIDE COGENERATION AS	SOCIATES	, .								
Impoundment Identification	Impoundment Name	Borrow Area Pond									
	Impoundment Number	016									
	UPDES Permit Number	UT 024759									
	MSHA ID Number	N/A	2 *								
IMPOUNDMENT INS	PECTION										
Inspection Date	12/13/01	-									
Inspected By	Scott Carlson										
Reason for Inspect (Annual, Quarterly or Critical Installation,	ion  ther Periodic Inspection, or Completion of Construction)	Annual Inspection 2001									
			:								
Required for an impoundment which functions as a SEDIMENTATION POND	2. Sediment storage capacity, in volumes, and, estimated average	ncluding elevation of 60% and 100 age elevation of existing sedimen	0% sediment storage								
impoundment which functions as a	The state of the s	age elevation of existing sediment acre-feet Elevation = 6513.3	0% sediment storage nt.								
impoundment which functions as a	volumes, and, estimated average  Storage Capacity = 8.3 a Maximum Sediment Depth 1	age elevation of existing sediment acre-feet Elevation = 6513.3	0% sediment storage nt.								
impoundment which functions as a	volumes, and, estimated average  Storage Capacity = 8.3 a Maximum Sediment Depth 1	age elevation of existing sediment acre-feet Elevation = 6513.3 ment Elevation = 6511+-	0% sediment storage								
impoundment which functions as a	Storage Capacity = 8.3 a Maximum Sediment Depth I Estimated Existing Sedim	acre-feet Elevation = 6513.3 ment Elevation = 6511+-  way elevations.	0% sediment storage								
impoundment which functions as a	Storage Capacity = 8.3 a Maximum Sediment Depth I Estimated Existing Sediment  3. Principle and emergency spill Spillway Elevation = 655	acre-feet Elevation = 6513.3 ment Elevation = 6511+-  way elevations.	0% sediment storage								

Borrow Area Pond

**4. Field Information.** Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond was essentially dry with some snow cover. No discharge, inlet/outlet conditions are good, No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

No changes.

No structure or stability problems observed.

#### Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature:

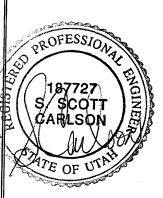
Date:

L2/28/01

IMPOUNDMENT INSPECTION AND CERTIFIED REPORT BOILOW Area Pond		
CERTIFIED REPORT		
IMPOUNDMENT EVALUATION (If NO, explain under Comments)	YES	NO
1. Is impoundment designed and constructed in accordance with the approved plan?	yes	
2. Is impoundment free of instability, structural weakness, or any other hazardous condition?	yes	
3. Has the impoundment met all applicable performance standards and effluent limitations from the previous date of inspection?	yes	· \$
COMMENTS AND OTHER INFORMATION		

none

# Certification Statement:



I hereby certify that: I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson, P.E. Project Director

Signature: \( \) \

P.E. Number & State: 187727 Utah

INSPECTION AND CERTIFIE ON EXCESS SPOIL PILE OF		Coarse Refuse Pile													
Permit Number	ACT/007/035	Report Date 12/28/01													
Mine Name	SUNNYSIDE REFUSE AN	D SLURRY													
Company Name	SUNNYSIDE COGENERAT	FION ASSOCIATES													
Excess Spoil Pile or Refuse Pile Identification	Pile Name:	Coarse Refuse Pile													
	Pile Number	N/A													
	MSHA ID Number	1211-UT-09-02093-01													
Inspection Date															
Inspected By	Scott Carlson														
Reason for Inspectation, (Annual, Quarterly or Oritical Installation, (Continuation)	ection ther Periodic Inspection, or Completion of Construction)	Annual Inspection 2001													
		Attachments to Report?   No X Yes													
Field Evaluation	1														
1. Foundation prepa	ration, including the removal of	f all organic material and topsoil.													
N/A															
2. Placement of und	erdrains and protective filter s	ystems.													
N/A															
3. Installation of	final surface drainage systems.	-													
N/A															
4. Placement and com	mpaction of fill materials.														
N/A															
Removal of	Coarse and fine Refus	e Material Only													

Final grading and revegetation of fill.

N/A

6. Appearances of instability, structural weakness, and other hazardous conditions.

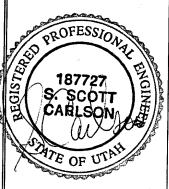
N/A

7. Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.

Waste Coal Removal

No smokers visible

## Certification Statement



I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

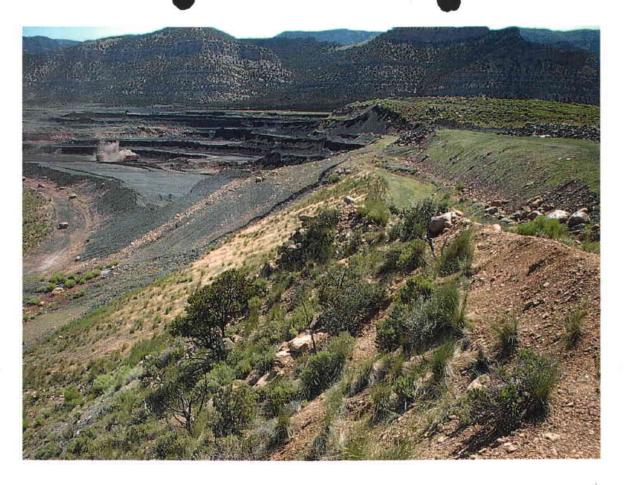
By: S. Scott Carlson - Project Director

(Full Name and Title)

Signature:

Date: 12/28/01

**P.E. Number & State:** 187727 - UT





Coarse Refuse Pile

June 7, 2001

IMPOUNDMENT INSPECT	TION AND CERTIFIED REPORT	East Slurry Cell
Permit Number	ACT/007/035	Report Date 12/28/01
Mine Name	SUNNYSIDE REFUSE AND SLUR	RY
Company Name	SUNNYSIDE COGENERATION AS:	SOCIATES
Impoundment Identification	Impoundment Name	East Slurry Cell
	Impoundment Number	N/A
	UPDES Permit Number	N/A
	MSHA ID Number	1211-UT-09-02093-02
IMPOUNDMENT INSP	ECTION	
Inspection Date	12/13/01	
Inspected By	Scott Carlson	
Reason for Inspecti (Annual, Quarterly or Ot Critical Installation, o	on her Periodic Inspection, r Completion of Construction)	Annual Inspection 2001
1. Describe any appear	ance of any instability, structure	al weakness, or any other hazardous condition.
NONE		
Required for an impoundment which functions as a SEDIMENTATION POND	<ol> <li>Sediment storage capacity, i volumes, and, estimated aver</li> <li>Storage Capacity = 27+-         Maximum Sediment Depth         Estimated Existing Sediment Sediment</li></ol>	Elevation = N/A ment Elevation = N/A

East Slurry Cell

**4. Field Information.** Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Pond was essentially dry with some snow cover. No structural or hazardous conditions exist.

5. Field Evaluation. Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

Slurry Cell is not receiving slurry from any source, currently functioning as a sediment pond. No structural or stability problems observed.

Reclamation of Sunnyside Coal Property near this area is completed. Among the facilities reclaimed is the Slurry Ditch, which connected to the SCA Properties. This ditch has been filled in near the SCA Property and is no longer a major storm water conveyance facility to the Slurry Ponds #1 and #2 or to the Clearwater Pond or to the East Slurry Cell. Watersheds, which previously contributed to these ponds, are no longer doing so.

In accordance with the approved plan to construct the Excess Spoil Disposal area #2, the Slurry Ponds #1 and #2 no longer receive storm runoff. These storm flows are now routed either directly to the East Slurry Cell or to the Clear Water Pond. With the reclamation activities at Sunnyside Coal, both of these ponds have ample capacity to handle the storm flows without the Slurry Ponds in series.

### Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature:

.2/28/01

IMI	POUNDMENT INSPECTION AND CERTIFIED REPORT								
CE	RTIFIED REPORT								
IMI	POUNDMENT EVALUATION (If NO, explain under Comments	YES	NO						
1.	Is impoundment designed and constructed in accordance	with the approved plan?	yes						
2.	Is impoundment free of instability, structural weaknes condition?	s, or any other hazardous	yes						
3.	Has the impoundment met all applicable performance sta limitations from the previous date of inspection?	ndards and effluent	yes						

### COMMENTS AND OTHER INFORMATION

none

# Certification Statement:



I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson - Project Director

(Full Name and Title)

Signature:

Date: 12/28/01

P.E. Number & State:

187727 - UT

TMPOIDDMENT TNSDROT	CION AND CERTIFIED REPORT	West Cell												
Permit Number	ACT/007/035	Report Date 12/28/01												
Mine Name	SUNNYSIDE REFUSE AND SLURI													
Company Name	SUNNYSIDE COGENERATION ASS													
Impoundment	Impoundment Name	West Slurry Cell												
Identification	Impoundment Name													
·	Impoundment Number	N/A												
	UPDES Permit Number	N/A												
	MSHA ID Number	1211-UT-09-02093-03												
IMPOUNDMENT INSP	PECTION													
Inspection Date	12/13/01													
Inspected By	Scott Carlson													
Reason for Inspecti (Annual, Quarterly or Ot Critical Installation, o	on  Ther Periodic Inspection,  or Completion of Construction)	Annual Inspection 2001												
1. Describe any appear	ance of any instability, structure	al weakness, or any other hazardous condition.												
NONE														
Required for an impoundment which functions as a SEDIMENTATION POND	2. Sediment storage capacity, it volumes, and, estimated average Capacity = N/A Maximum Sediment Depth Estimated Existing Sediment Sediment Sediment Depth Estimated Existing Sediment Sedime	ment Elevation = N/A												

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West Cell

4. Field Information. Provide current water elevation, whether pond is discharging, type and number of samples taken, monitoring/instrumentation information, inlet/outlet conditions, or other related activities associated with the pond including but not limited to sediment cleanout, pond decanting, embankment erosion/repairs, monitoring information, vegetation on outslopes of embankments, etc.

Slurry Cell is Inactive Refuse Removal

5. **Field Evaluation.** Describe any changes in the geometry of the impounding structure, average and maximum depths and elevations of impounded water, estimated sediment or slurry volume and remaining storage capacity, estimated volume of water impounded, and any other aspect of the impounding structure affecting its stability or function which has occurred during the reporting period.

Slurry Cell is not receiving slurry from any source

#### Qualification Statement

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized under the direction of a Registered Professional Engineer to inspect the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

Signature:

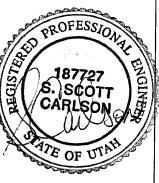
Date:

12/28/01

IM	POUNDMENT INSPECTION AND CERTIFIED REPORT	West Cell		
CE	RTIFIED REPORT			
IMI	POUNDMENT EVALUATION (If NO, explain under Comment	YES	NO	
1.	1. Is impoundment designed and constructed in accordance with the approved plan?			
2.	Is impoundment free of instability, structural weakne condition?	yes		
3.	Has the impoundment met all applicable performance st limitations from the previous date of inspection?	andards and effluent	yes	· ·
CON	IMENTS AND OTHER INFORMATION			

none

# Certification Statement:



I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself or under my direction and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability in accordance with the Utah R645 Coal Mining Rules.

By: S. Scott Carlson - Project Director
(Full Name and Title)

Signature:

**Date:** 12/28/01

P.E. Number & State:

187727 UT

INSPECTION AND CERTIFIED REPORT ON EXCESS SPOIL PILE OR REFUSE PILE  EXCESS Spoil Pile #1				
Permit Number	ACT/007/035	Report Date 12/28/01		
Mine Name SUNNYSIDE REFUSE AND		D SLURRY		
Company Name	any Name SUNNYSIDE COGENERATION ASSOCIATES			
Excess Spoil Pile or Refuse Pile Identification	Pile Name:	Excess Spoil Disposal Area	#1	
	Pile Number	N/A	j.	
	MSHA ID Number	1211-UT-09-02093-04		
Inspection Date	12/13/01		* .	
Inspected By	Scott Carlson	· ·		
Reason for Inspe (Annual, Quarterly or Ot Critical Installation, o	<b>ction</b> her Periodic Inspection, r Completion of Construction)	Annual Inspection 2001	,	
		Attachments to Report?   No X	Yes	
Field Evaluation				
1. Foundation preparation, including the removal of all organic material and topsoil. ${\rm N/A} \label{eq:N/A}$				
2. Placement of underdrains and protective filter systems.				
N/A				
3. Installation of f	Installation of final surface drainage systems.			
N/A		·		
4. Placement and comp	paction of fill materials.			
Did not rece	eive spoils material o	during this Year.		

Final grading and revegetation of fill.

N/A

Appearances of instability, structural weakness, and other hazardous conditions.

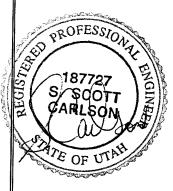
None

7. Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.

No Construction occurred during this year. Construction in previous years had been proceeding in shallow lifts in general conformance with the approved plan.

No evidence exists of fires in the pile.

### Certification Statement



I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

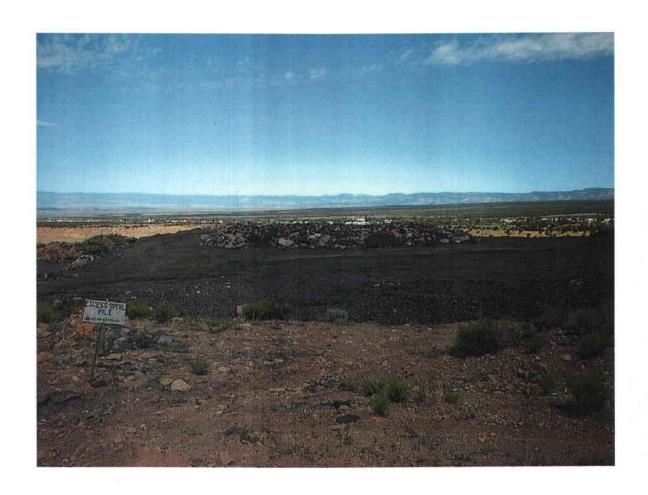
By: S. Scott Carlson - Project Director

(Full Name and Title)

Signature:

**Date:** 12/28/01

**P.E. Number & State:** 187727 - UT



Excess Spoil Disposal Area # 1

June 7, 2001



Excess Spoil Disposal Area #1

looking West/Northwest

INSPECTION AND CERTIFIES ON EXCESS SPOIL PILE OR		Excess Spoil Pile #2			
Permit Number	ACT/007/035	Report Date 12/28/01			
Mine Name	SUNNYSIDE REFUSE AND SLURRY				
Company Name	SUNNYSIDE COGENERATION ASSOCIATES				
Excess Spoil Pile or Refuse Pile Identification	Pile Name:	Excess Spoil Disposal Area #2			
. *	Pile Number	N/A			
	MSHA ID Number	1211-UT-09-02093-05			
Inspection Date 12/13/01					
Inspected By	Inspected By Scott Carlson				
Reason for Inspe (Annual, Quarterly or Ot Critical Installation, o		Annual Inspection 2001			
		Attachments to Report? No X Yes			
Field Evaluation					
1. Foundation preparation, including the removal of all organic material and topsoil.					
Existing disturbed site. No topsoil removal is required by approved plan.					
. Placement of underdrains and protective filter systems.					
Under-drains and filters are not required by approved plan. The Slurry Ponds #1 and #2 no longer receive inflows of any storm					

Under-drains and filters are not required by approved plan. The Slurry Ponds #1 and #2 no longer receive inflows of any storm waters. The inlet culverts have been removed and storm water rerouted to other impoundments.

Installation of final surface drainage systems.

N/A

Placement and compaction of fill materials.

Placement and compaction of fill material continues in this disposal area. Material consists generally of coarse refuse rejects and is being placed in general conformance with the approved plan. Approximately 23,475 tons of material was placed during the Year.

Results from a material samples taken in December 2000 is attached herewith. Additional material samples were gathered in December 2001 and results will be submitted with next year's report.

Final grading and revegetation of fill.

N/A

Appearances of instability, structural weakness, and other hazardous conditions.

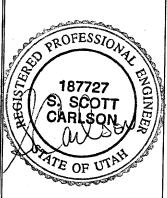
None

Other Comments. Describe any changes in the geometry of the Excess Spoil/Refuse Pile structure, instrumentation, average and maximum lifts of materials placed in the pile, elevations of active benches, total and remaining storage capacity of the structure, evidence of fires in the pile and abatement of such fires, volumes of materials placed in the structure during the year, and any other aspect of the structure affecting its stability or function which has occurred during the reporting period.

Both Slurry Pond #1 and Slurry Pond #2 have been approved to be and are being filled with coal mine waste and excess spoil in connection with construction of the Excess Spoil Disposal Area # 2.

The Clearwater Pond is also part of this disposal area but will continue to function as a sediment pond until such time as it is needed as a disposal site.

# Certification Statement



I hereby certify that; I am experienced in the construction of earth and rock fills; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of earth and rock fills in accordance with the certified and approved designs for this structure; that the fill structure has been maintained in accordance with approved design and meet or exceed the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.

By: S. Scott Carlson - Project Director
(Full Name and Title)

Signature:

**Date:** 12/28/01

**P.E. Number & State:** 187727 - UT





GENERAL OFFICES: 1918 BOUTH HIGHLAND AVE., SUITE 210-8, LOMBARD, ILLINOIS 80148 TEL: 630-863-8300 FAX: 830-853-8306





Member of the SGS Group (Societé Générala de Surveillance)

Committed To Excellance

ADDRESS ALL CORRESPONDENCE TO: 4665 PARIS STREET SUTTE B-200 DENVER, CO 80239 TEL: (303) 373-4772 FAX: (303) 373-4791 www.comleca.com

March 23, 2001

SUNNYSIDE OPERATIONS P.O. BOX 159 #1 POWER PLANT ROAD SUNNYSIDE UT 84539

Sample identification by SUNNYSIDE COGENERATION FAC

SAMPLE ID: SPOILS PILE 2000

XSSPOILS AREA #2

SOIL Kind of sample

Sample taken by

SUNNYSIDE COGENERATION FAC

Date received

February 14, 2001

Analysis report no.

72-00923

# PARAMETER

### Particle Size Analysis: Sand Silt Clay Calcium Magnesium Sodium Selenium Nitrate-N Maximum Acid Potential Organic Carbon Electrical Conductivity Sodium Absorption Ration Total Nitrogen (as determined) Boron Neautralization Potential Acid Base Account Total Sulfur

# RESULTS

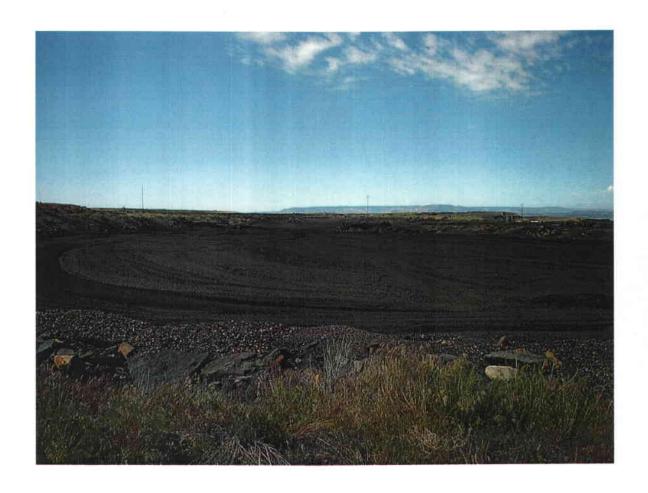
8.44 B.u. 60 % 24 🚼 15 % 13.0 meg/L 11.1 meq/L 10.4 meg/L n.ol ppm 1.64 ppm 25.3 T/1000T 9.37 % 2.99 mmhos/cm 2.99 0.22 % 1.62 ppm 114 T/1000T 88.7 T/1000T 0.81 %

7671 Post-It Fax Nota Frem Co./Dept Phone 4 Phone # Fux # FBX #

Respectfully submitted, COMMERCIAL TESTING & ENGINEERING CO.



NING AREAS, TIDEWATER AND GREAT LAKES PORTS, AND RIVER LOADING FACILITIES



Excess Spoil Disposal Area # 2

June 7, 2001



Excess Spoil Disposal Area #2

North portion looking south



Excess Spoil Disposal Area #2

South portion looking south